

Fluor Hanford reduces workforce

The Department of Energy gave its approval to a Fluor Hanford plan for an involuntary reduction of force, and the affected employees were notified of the layoff on May 12. The last day of employment for the 98 "involuntaries" was May 22.

Including employees who "self-selected" for termination, the Fluor Hanford workforce has been reduced by 377 employees since the process began late last year.

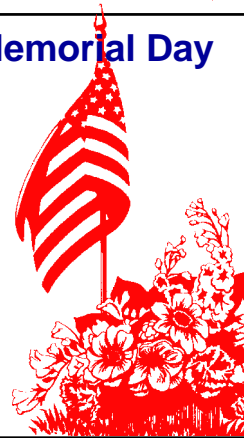
The move to accelerate cleanup at Hanford has led to a shift in emphasis. "This new environment requires us to reduce, consolidate and/or eliminate functions that are not absolutely integral to cleanup," wrote Fluor Hanford President Dave Van Leuven last month in a message to all employees. "In addition, as we transition from operations such as stabilizing plutonium and moving spent fuel and sludge to deactivating and demolishing facilities, we must change the way we approach our work, and have a workforce with the right skill mix."

As a result of the changing emphasis, the company has shifted workers from administrative positions to actual cleanup work as well as trimming its total workforce.

In this month's final stage of the workforce reduction, 38 employees self-selected and 60 were laid off involuntarily. In addition to the 98 layoffs, 10 employees were lost through normal attrition. ■

Honor the nation's fallen on the *real* Memorial Day

Welcome back from the May 26 *observance* of Memorial Day. If you used the opportunity for a three-day getaway, you still have an opportunity to honor our fallen veterans, which is the historical purpose of Memorial Day. The holiday dates back to 1868, when General John A. Logan, commander-in-chief of the Grand Army of the Republic (an organization of Union veterans of the Civil War), named May 30 as a special day to honor the graves of Union soldiers.



First cast-stone treatment samples produced

CH2M HILL Hanford Group, Inc. is testing a new treatment method for the Office of River Protection by mixing selected Hanford tank waste with additives to cast a stone-like material in retrievable containers for disposal.

The containerized cast-stone method is one of three supplemental treatment technologies CH2M HILL is investigating for ORP to treat low-level or low-level mixed tank waste for disposal on or off the Hanford Site. The treatment methods are called supplemental technologies because they would be used to supplement Hanford's Waste Treatment Plant, which is currently under construction.

"While grouts are commonly used throughout the world to immobilize radioactive and hazardous waste, we want to look at the latest advances in treatment technologies and see how they could work with Hanford tank wastes," said Dale Allen, CH2M HILL Hanford Group senior vice president of Strategic Planning and Mission Analysis. "Success in evaluating and deploying the right technologies is critical to treating all of Hanford's tank waste by 2028."



Containerized cast stone (the sample on left) is significantly denser and less porous than previous grout treatment methods considered at Hanford (sample on right) or the kind of grout one might buy at a home-improvement store.

Testing contract awarded

In April, CH2M HILL Hanford Group awarded a contract to Fluor Federal Services to conduct the first phase of testing. Members of the Fluor Federal Services contract team include Duratek Federal Services, the 222-S Laboratory operated by Fluor Hanford, Portage Environmental and the Center for Laboratory Science at Columbia Basin College.

The Center for Laboratory Science is doing the initial testing with non-radioactive simulated waste in a laboratory on the campus of Columbia Basin College. Testing with actual tank waste will then follow at the 222-S Laboratory on the Hanford Site. Under its contract with CH2M HILL, Fluor Federal Services will also provide pre-conceptual engineering for a full-scale production system.

After that first phase of work, an evaluation of containerized cast stone and other supplemental treatment technologies will enable ORP to decide the best way to move forward on building and operating facilities to provide supplemental treatment of Hanford tank waste.

The potential treatment method would accelerate Hanford tank cleanup by reducing the amount of waste requiring glassification in the Waste Treat-

Continued on page 4.

First cast-stone treatment samples produced, cont.

ment Plant. The cast-stone applications being considered for use at Hanford consist of mixing tank waste that is high in salt content with dry materials, then casting the mixture in a container suitable for land disposal. The mixture is also formulated to immobilize technetium, a long-lived radionuclide of concern in Hanford tank waste.

Different from grout

“Up until this point, the method has commonly been referred to as containerized grout, but we have found in doing some initial testing that the material is more comparable in density and permeability to marble,” said Rick Raymond, supplemental treatment director for CH2M HILL Hanford Group. “Calling it cast stone more accurately describes the material’s properties, because it is significantly more dense and less porous than previous grout treatment methods considered at Hanford or the kind of grout one might buy at a home-improvement store.” ■



CH2M HILL Hanford Group is evaluating three methods for potentially treating tank waste for the DOE Office of River Protection. Billie Mauss of ORP (left) and Rick Raymond of CH2M HILL examine a larger sample of containerized cast stone, the product of one of the three treatment methods. The sample was mixed with simulated tank waste and cast at the Center for Laboratory Science on the Columbia Basin College campus. Over the next few months, a Fluor Federal Services team will conduct more tests of the cast stone method, using real Hanford tank waste, at the 222-S Laboratory.

Picture Pages

IN HONOR OF AMERICAN VETERANS:

At the conclusion of the groundbreaking ceremony for the Regional Veterans Memorial in Columbia Park ("Local builder's patriotism spawns vets memorial," *Hanford Reach*, May 12), representatives of Veterans of Foreign Wars posts, the U.S. Army Corps of Engineers Walla Walla District and the Mid-Columbia Girl Scouts Council fold a giant flag that flew from a crane over the crowd of about 200 people. The ceremony took place on Armed Forces Day, May 17, and the Veterans Memorial Committee hopes to have the memorial completed by Veterans Day next November. The huge granite monoliths that will stand in the memorial plaza were donated by the Department of Energy.



WALKING TO WIPE OUT

CANCER: Shirley Myers of Duratek Federal Services Northwest Operations (center) joined more than 870 walkers and runners who braved cold temperatures to participate in the Relay for Life, a 24-hour fund-raiser for the American Cancer Society, held May 17 and 18 at the Southridge High School track in Kennewick. Hanford employees made up 13 of the 58 teams that were registered. At press time, preliminary figures indicate that a total of more than \$101,000 was raised. Of that total, Hanford teams raised more than \$30,000. Kathy Leonard, co-chairman of the Relay for Life and a Battelle employee, indicated that the amount would increase in the next week as funds raised continue to be sent in to the American Cancer Society.



Expo team acknowledges contributors and participants

Congratulations to the award winners:

- Hanford Environment Health Foundation —
Best Health-Related Award
- ALARA —
Best Safety-Related Award
- PNNL —
Most Useful Information
- Spent Nuclear Fuels —
Kids' Favorite
- Analytical Services —
Most Interactive
- BF Substance Abuse Coalition —
Best Off-site Award
- LANCS —
Best Commercial
- Richland Bicycle and Fitness Equipment —
Best of Show.

The Health and Safety Expo Team would like to thank the many people who made Expo 2003 a success.

Thanks to all the volunteers who helped with the exhibits, demonstrations, the bicycle rodeo and the vehicle crash demonstration. The list is too long to name everyone.

Thanks to all the Hanford contractors who supported Expo and allowed their employees to attend. And a special thanks goes to the following companies who helped with financial and service needs:

- Bechtel Hanford, Inc.
- CH2M HILL
- Fluor Hanford, Inc.
- Hanford Atomic Metals Trade Council
- Pacific Northwest National Laboratory
- U. S. Department of Energy.

The Expo team would like to thank the local companies and organizations that contributed services or products to Expo:

- Benton County Sheriff's Office
- Columbia Memorial Funeral Chapel
- Columbia Point Golf Course
- Fox TV
- Franklin County Coroner
- Kennewick Police Department
- Mel's Intercity Collision and Towing
- Nextel, Inc.
- Northwest MedStar
- Richland Bicycle and Fitness Equipment
- Richland Police Department
- Star Rental
- Tri-City Herald
- Veterans Funeral Honors
- Washington State Patrol.

And thanks to all of you who came and those of you who brought your families and friends to see and experience Expo. About 30,000 people came through the front doors during Expo; but many also came through the back doors because of construction around the Trade, Recreation and Agricultural Center. Expo would not have been successful without all of you.

Systems tool is new resource to aid cleanup

Ginny Sliman, *Pacific Northwest National Laboratory*

Nearly 50 years of nuclear-materials production at the Hanford Site left more than 700 waste sites with the potential to release contaminants to the soil and groundwater. These sites vary significantly in their inventories of radioactive and chemical contaminants and potential for contaminants to migrate through the soil to the groundwater and the Columbia River.

As decision-makers investigate options for cleaning up and closing Hanford, it's important to understand which waste sites have the most significant impact, and know the cumulative effect of all the waste sites.

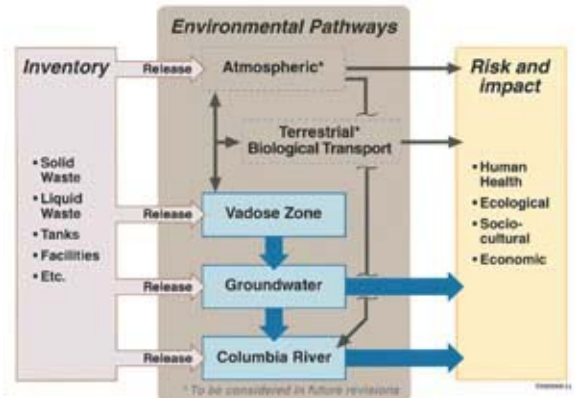
Researchers at the Department of Energy's Pacific Northwest National Laboratory have developed a comprehensive new tool that will provide federal and state regulators with some of the critical information they need to help protect people, the environment and the Columbia River.

The System Assessment Capability, or SAC, is an integrated system of computer models and databases that predicts the movement and fate of contaminants through the vadose zone and the groundwater to the Columbia River. The vadose zone is the soil above the groundwater. SAC also assesses the impact of contaminants on human health, animals and the environment.

Instead of showing each waste site in isolation, as in the past, SAC shows each site in context. "It looks at all the waste sites at Hanford in relationship to one another and how they contribute to future impact," said Bob Bryce, SAC project manager for PNNL. "Using SAC, we can see which waste sites are making the greatest contribution to future impact and clean them up first."

A 14-member team of scientists in fields ranging from civil engineering to zoology developed the two sets of computer models that are at the heart of SAC. One set simulates how contaminants move through the environment. The second set estimates the risks and impacts from those contaminants.

The environmental model is based on a comprehensive inventory of potential contaminants from Hanford operations as far back as 1944. With information about the quantities and concentrations of contaminants at a site, SAC determines how the contaminants will behave. SAC models how a contaminant will discharge to the soil and move to the groundwater, discharge into the groundwater and, finally, enter the Columbia River.



This conceptual illustration of the System Assessment Capability (SAC) shows a linear flow of information. In general, data flows from the inventory module to the release module, which provides input to the vadose zone, groundwater and river modules. Finally, both the groundwater and river modules provide input to the risk impact modules.

Continued on page 8.

Systems tool is new resource to aid cleanup, cont.

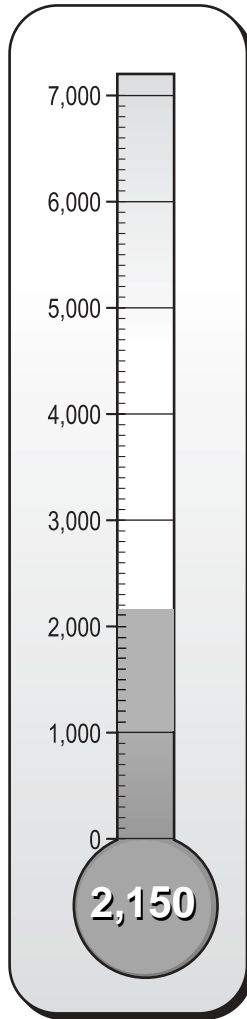
SAC models these types of scenarios based on data about the geology, chemistry and hydrology of the site. It also predicts the consequences of these scenarios on the environment and the impact of various cleanup options. "These capabilities will be an important information source to aid decision-makers in prioritizing cleanup of contaminated sites and putting limited funding to best use," Bryce said.

Scientists have tested the validity of SAC by comparing SAC results to known plume migrations at the Hanford Site over time. Researchers are preparing to conduct a composite analysis of the future impacts of remaining waste at Hanford. The results of this study will be considered when future waste-disposal decisions are made at the site. SAC is an integrated part of DOE's Groundwater Protection Program.

Business inquiries about SAC should be directed to Kathryn Lang at 375-3837. ■

Hanford XP Migration Project update

HLAN computers currently running Windows XP



As part of the XP Migration Project, more than 300 application programs have now been tested and verified as to their ability to run in the XP operating system. On May 15, a group of applications that previously failed have been updated and are now XP compliant — Oracle Client, Oracle Forms and Reports 6i, the Access Control Entry System (ACES), and the Solid Waste Information and Tracking System (SWITS).

About 100 additional applications are on the XP testing list and are in various stages of testing, upgrade or deployment. Lockheed Martin Information Technology is actively working with the Chief Information Office and the application owners to bring this number to zero as soon as possible.

If you are the owner of an application that needs to be added to the list or to have its status updated, please contact the XP Migration Project team at the e-mail address below so the team can update its records. If you have questions about application testing or the XP Migration Project, call or e-mail using the contact information below.

XP Project Home Page

<http://www.rl.gov/xp>

XP Application Testing Matrix

<http://www.rl.gov/xp>
under the "APP Testing" tab

XP Project Mailbox

^Windows XP Project

To schedule group brown-bag sessions, call 373-9155

Local federal employees recognized for donations

The local Mid-Columbia Combined Federal Campaign, the annual fund-raising drive for non-profit charities conducted by federal employees in their workplaces each fall, is being recognized for having the “highest average gift” during the 2002 fund drive. Kimberly Williams, the local CFC chairwoman and last year’s Department of Energy loaned executive to United Way, will travel to Washington, D.C., to accept the award from the Office of Personnel Management on behalf of the local CFC at the White House on May 22.

In the category of campaigns under \$250,000, the Mid-Columbia CFC average gift from federal employees was \$341 and the total raised locally was \$143,953. Of that amount, the Department of Energy Richland Operations Office and the Office of River Protection employees raised \$116,154.

CFC’s main mission is to promote and support philanthropy through a program that is employee-focused, cost-efficient, and effective in providing all federal employees the opportunity to improve the quality of life for all. Federal workers have participated in a national workplace giving effort for nearly 40 years. President Kennedy started a formal national giving program in 1961. Since then, CFC has become one of the leading workplace giving programs. This campaign occurs once a year and lasts for a six-week period beginning no earlier than Sept. 1 and ending before Dec. 15. ■

Make your move

Incorporate the three elements of exercise in your fitness program

The three elements of exercise — aerobic exercise, strength training and stretching — will improve your fitness level.

Aerobic exercise

Aerobic means “using oxygen.” Aerobic exercise is any exercise that causes you to breathe harder and forces your heart to beat faster to supply your muscles with enough oxygen to cover the extra demand. Aerobics directly exercises your heart muscle, strengthening your cardiovascular system and improving your body’s endurance. Aerobics lowers cholesterol and blood pressure and burns calories for weight loss. Aerobics should include at least 20 minutes of exercise at least three times a week. Popular aerobic exercises include the following:

- Brisk walking
- Running
- Swimming
- Aerobic dancing.

Strength training

Any exercise that forces your muscles to work against increasing amounts of resistance can be considered strength training. The most common methods of building muscle strength are lifting weights and using specially designed resistance machines. Push-ups are an example of a strength-training exercise that requires no special equipment.

Strength training increases the number of muscle fibers doing the work and improves the endurance of your muscles. It helps your muscles perform better at daily tasks. Increasing the size of your muscles also helps the body burn more calories at rest, a benefit for those who want to lose weight. Strength training also improves bone density and helps combat osteoporosis. Strength training should be done two or three times a week.

Stretching for flexibility

Flexibility measures a muscle’s ability to move over a wide range without stiffness or resistance. Flexible muscles are less likely to “tear” or strain than tight, inflexible ones. Stretches should be done slowly, without bouncing, and held for 10 to 20 seconds.

Warm up and cool down

In addition to the three basic elements, every exercise should include warm-up and cool-down periods. To prevent injury, warm up by starting out slowly for the first five minutes. Cool down for five to 10 minutes by gradually slowing down, walking around for a few minutes, or doing some light stretches. ■

Continued on page 12.

Mental exercise

Test your understanding. Match the letter of the appropriate exercise type with each description below. Answers will be published in an upcoming issue of the *Hanford Reach*.

A=Aerobic

S=Strength

F=Flexibility

- ___ 1. Also called "cardiovascular conditioning," because it strengthens the heart
- ___ 2. Arm stretches
- ___ 3. Brisk walking
- ___ 4. Calf stretches
- ___ 5. Cross-country skiing
- ___ 6. Helps prevent injuries
- ___ 7. Helps prevent stiffness
- ___ 8. Important for back strength
- ___ 9. Improves joint mobility
- ___ 10. Increases bone density
- ___ 11. Increases your stamina
- ___ 12. It's good for your cholesterol count
- ___ 13. Makes your heart beat fast
- ___ 14. Makes your heart work more efficiently
- ___ 15. Push-ups
- ___ 16. Quadriceps stretch
- ___ 17. Rowing
- ___ 18. Running
- ___ 19. Shoulder roll
- ___ 20. Sit-ups
- ___ 21. Strengthens bones
- ___ 22. Strengthens muscles
- ___ 23. Swimming
- ___ 24. Weightlifting.

This test is worth 8 points for "Make Your Move" participants. Complete the test, cut it out, add your name, employer and Hanford Identification Number and mail it to: Judi Staley, HEHF Health Education Services, H1-04

Submitted By _____

Hanford ID No. _____

Employer _____

Sailing brings excitement, relaxation to father and son

This is another in the series of articles that will accompany the "Make Your Move" program and feature Hanford workers who are physically active.

In his book, *The Wind in The Willows*, Kenneth Grahame wrote "Believe me, my young friend, there is nothing — absolutely nothing — half so much worth doing as simply messing about in boats." And messing about — or sailing, in the case of John and Ryan Bickford — is an activity for the mind, body and soul.

John Bickford, the Fluor Hanford Lessons Learned coordinator, has been sailing for 36 years, since his sailing class during his first year at the U.S. Naval Academy in Annapolis, Md. Once the midshipmen learn sailing basics, they have the option to begin to participate in intramural sailing races. The U.S. Navy believes that the sailing and racing experience not only teaches its future naval officers how to "drive ships" but also to make decisions instantly in a changing environment and execute a complex set of activities to carry out those decisions.

Sailing under these circumstances is not leisurely, and Bickford really enjoyed the "pumped-up adrenalin" that racing the 44-foot boats afforded the participants. His enjoyment and talent for the sport was evident, and his first assignment upon graduating from Annapolis was serving as sailing instructor for the incoming freshmen. Thereafter, he attended Nuclear Power School and served aboard five submarines until he retired from the Navy in 1991. During his career in the Navy, he sailed whenever he could, and when his family settled in San Diego, sons Ryan and Mike learned to sail.

While their father was at sea, Ryan and Mike and their mother, Lela, pleasure-sailed a 9-foot dinghy on San Diego Bay.

The Bickfords moved to the Tri-Cities in 1991. They quickly found and joined the Columbia Basin Sailing Club, competing in the weekend races held from March through November at Charbonneau Park on the Snake River. Father and son have been active sailing-club members and racers since they moved here.

Depending on the size of boat you sail, the physical activity ranges from driving the boat safely under sail to maintaining the boat, sails and rigging. The mental challenge is to maximize the performance (speed) of the vessel by tweaking sail shape; considering the vessel's position to the wind; and dealing with water current, rocks, sand bars and other sailors and boaters.



Ryan (left) and John Bickford relax after completing a race during the Desert Regatta held at Charbonneau Park May 3-4.

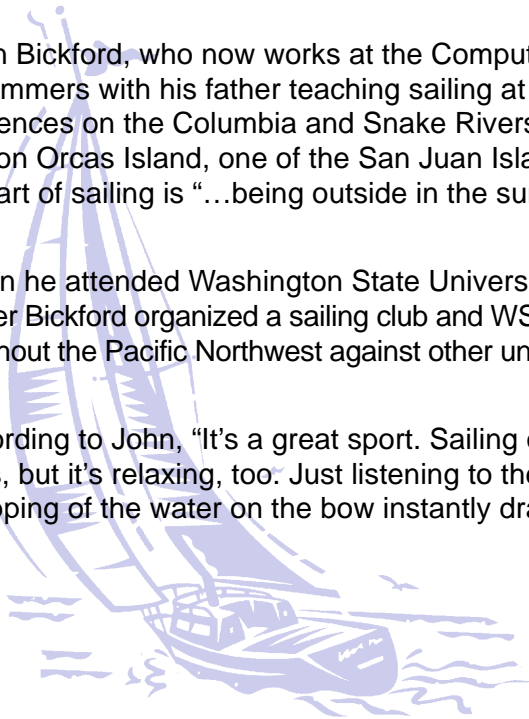
Continued on page 14.

Sailing brings excitement, relaxation to father and son, cont.

Ryan Bickford, who now works at the Computer Help Desk at Battelle, spent a few summers with his father teaching sailing at a local sailing school. His sailing experiences on the Columbia and Snake Rivers got him a summer job at a sailing camp on Orcas Island, one of the San Juan Islands in Puget Sound. For Ryan, the best part of sailing is "...being outside in the sun and having fun without the noise."

When he attended Washington State University in Pullman from 1996 to 2000, the younger Bickford organized a sailing club and WSU sailors competed in regattas throughout the Pacific Northwest against other university teams.

According to John, "It's a great sport. Sailing offers mental and physical challenges, but it's relaxing, too. Just listening to the sounds of the wind in the sails and the lapping of the water on the bow instantly drains the tension from your body." ■



Bottled water requires indoor storage to stay clear and drinkable

Summer is coming, so you will need to plan ahead and order extra bottled water. Before you do, here are a few facts about storing bottled water and the empty containers.

- Water should not be stored in direct sunlight. Direct sunlight may trigger algae growth within three days.
- Do not store bottled water outside. Bottles stored outside are exposed to dirt, dust, germs and rainwater.
- Sunlight deteriorates the plastic bottles. Exposure to sunlight will cause a plastic bottle to become prematurely brittle and break earlier than if it is stored inside.
- Do not store empty bottles without lids. Spiders build webs inside the empty bottles. Spider webs (and trapped bugs) are almost impossible to see or remove from inside a water bottle during the cleaning and sanitizing operations prior to refilling.



Fluor Hanford storekeeper Mike Hogan helps deliver bottled water to Hanford Site customers.

Although there is no established expiration for properly bottled water, the vendor's suggestion is about 30 days. This suggested storage time could certainly be extended if bottled water is stored in a cool, dark room, away from direct sunlight.

Many facilities are storing bottled water outside or have inventories that are several months old. Users of bottled water should evaluate their storage practices to ensure the water remains clear and drinkable. If you order bottled water for use at your facility, here are some recommendations:

- If there is no date on the bottle, be sure to mark the delivery date on the bottle cap. Water is usually delivered the day after it has been bottled, so this is a very accurate method to use for tracking purposes.
- If your water is delivered to an outside dock, be sure to check the dock daily if you are expecting an order and move the bottled water inside as soon as possible.
- Be careful to avoid handling the lids when bottles are moved around. If a lid should accidentally come off of a full bottle during delivery or storage, dispose of the water to avoid the possibility of drinking contaminated water.

Continued on page 16.

Bottled water requires indoor storage to stay clear and drinkable, cont.

- “First in, first out” is the best rule for bottled water. Use the older bottles first.
- Adjust your order so that you have no more than a 30-day supply on hand.

If the vendor has filled your order for bottled water and the driver is delivering the water to your location, that order cannot be rejected or returned. This agreement is written into the contract with the supplier and is non-negotiable. There are no returns on bottled water because it is considered a consumable product.

If you are a Fluor Hanford employee and have any questions regarding safety and health issues, contact Fluor Hanford Environment, Safety, Health and Quality at 373-1289. If you have questions about the water contract, contact Rita Magnaghi at 376-0323, Chris Hopkins at 372-0286 or David of Paradise Bottled Water Company at 783-0253. ■



This year's VPPA conference drew record crowds to the Red Lion in Pasco to participate in more than 20 workshops.



At the head table for the opening session of the VPP conference are (left to right) Mark Hurliman of Oregon OSHA; Mike Schlender, assistant manager for DOE-RL; Richard Terill, OSHA Region 10 administrator; and Dave Van Leuven, Fluor Hanford president and chief executive officer.

Fluor Hanford hosts highly successful VPPPA conference

Karen Welsh, Fluor Hanford

Fluor Hanford played host to the Region 10 Voluntary Protection Program Participants Association at its annual conference May 6-8 at the Red Lion Hotel in Pasco. Region 10 of the VPPPA is made up of safety representatives from various companies in Alaska, Idaho, Oregon and Washington.

This year's conference drew record numbers, with more than 325 people in attendance, up from about 225 last year. "This conference far exceeded our expectations, both in attendance and in the quality of our speakers and workshops," said Dave Jackson, Fluor Hanford director of Occupational Safety and Health. "In addition, with the conference being held here at Hanford, it was a 'win-win' situation for both the Hanford employees and the VPPPA. Our employees were able to attend with its being held locally, and the VPPPA benefited through record attendance at the conference."

Fluor Hanford President and Chief Executive Officer Dave Van Leuven kicked off the opening session and emphasized his commitment to safety. "At Fluor Corporation and at Fluor Hanford, safety is a cornerstone of our corporate values," he said. "In fact, safety is the first of our core values — safety, integrity, teamwork and excellence. Productivity, community image and workplace pride are also positive byproducts of a safe workplace."

Mike Schlender, assistant manager for the Department of Energy Richland Operations Office, also made opening comments, along with Gary McDonough of Georgia-Pacific, Region 10 VPPPA chairman from Toledo, Ore.; Paul Villane, VPPPA executive director; Richard Terrill, Region 10 administrator of the Occupational Safety and Health Administration; Peter DeLuca, administrator of OSHA; and Michael Silverstein, assistant director of the Washington Industrial Safety and Health Administration.

John Drebingers was the keynote speaker for the meeting, with a presentation titled, "The impossible is just an illusion!" Drebingers captivated the audience not only with his message, but also through magic and his unique and memorable personal stories to inspire others to work safely.

Continued on page 18.

Fluor Hanford hosts highly successful VPPPA conference, cont.

“Share the Energy” was this year’s theme. Hanford employees participated as moderators and speakers. Twenty workshop presentations were held throughout the conference. Presenters included Dave Jackson, Rich Kobelski, Jack Griffith, Cliff Ledford, Randy Coleman and Jeff Berneski, all of Fluor Hanford; Steve Maki of Fluor Federal Services; and Donna Robinson of Coastal Safety. Workshops were held on topics such as “Mentoring and Outreach,” “VPP Success in Construction” and “Respiratory Protection.” Two OSHA training courses were offered at the Volpentest HAMMER Training and Education Center — “Homeland Defense–Bio-Terrorism” and “Permit Entry Confined Spaces.”

Executive Director Villane had the opportunity to tour HAMMER during the OSHA training sessions and was impressed with what he saw. “This facility is wonderful,” he said. “And holding this conference in the Tri-Cities has given the Region 10 VPPPA association members the opportunity to experience a world-class training center located right here in their own backyard!” ■

Regular Features



VANPOOLS

Vanpool ads are run for two weeks. Ads must be resubmitted to run in subsequent issues of the *Hanford Reach*. The deadline for submission is Thursday, 10 days prior to publication.

Day and Zimmermann Protection Technology Hanford reminds employees to wear their badges. Vanpool and carpool drivers are responsible for ensuring their passengers are badged. If a passenger forgets his or her security badge, access is denied at the barricade. The individual is required to go to a badging station for a temporary badge or go home to retrieve the badge. For more information visit the Safeguards and Security Web page at <http://apweb02.rl.gov/phmc/sas>.

KENNEWICK

Vanpool No. 97 is looking for riders, 8x9s. Rate as low as \$54.20 per month. Starts in downtown Kennewick and picks up at ShopKo at 6 a.m. and the Federal Building at 6:10 a.m. Drops off at 2750-E and 2740-HV. Contact **Mike Bryden** at 373-4624. 5/19

PASCO

Vanpool to 200W needs riders, 8x9s (7 a.m.-4:30 p.m.). Leaves former Pasco Kmart at 5:45 a.m., stops at Road 100 at 5:55 and at the Hanford Training Center (by the Columbia Basin Racquet Club) at 6:05, then travels on Highway 240 to all stops in 200W. Call **Don** 373-2933 or **John** 373-2224. 5/19

RICHLAND

Van No. 190 seeks several riders. Ideal for workers on 4x10s or exempts who routinely arrive early or stay late. Currently leaves the vanpool lot at the Richland Wye at 6 a.m., and picks up at the north end of the Training Center parking lot by the Richland Airport. Willing to negotiate additional stops at the Waste Treatment Plant construction site, 200E and 600N. Contact **Derek** at 376-9018; or **Jim, Joe or Kenny** at 373-2687 or 373-2845. 5/27

Vanpool No. 195, low-cost route from Richland to 200E, has three openings. 8x9s, 7 a.m.-4:30 p.m. Starts at Mowry Square Condominiums (close to 7-Eleven at Jadwin). Picks up along George Washington Way, Jadwin north of Van Giesen, 7-Eleven by George Washington Way, and 2440 Stevens south parking lot. Stops at 274-AW, 2750-E, CSB and 2704-HV locations. For more information call **Jon Renholds** at 373-4248, **Betty Zscheile** at 373-7282 or **Leona Aamot** at 372-3769. 5/27

Vanpool to 200E needs several riders, 8x9. Rate as low as \$33.50 per month. Leaves former Hanford bus lot (across from 2440 Stevens Center) at 6:25 a.m. and

drops off at 2750-E and MO-276 (behind 2750-E). Arrives at bus lot at 5 p.m. on Mondays through Thursdays and at 4 p.m. on Fridays worked. Contact **Dave Hedengren** at 373-5094. 5/27 ♦



NEWSBRIEFS

DOE extends public comment period on solid waste cleanup document

The Department of Energy has extended the public review and comment period on the *Revised Draft Hanford Site Solid (Radioactive and Hazardous) Waste Program Environmental Impact Statement*. The document analyzes alternatives for treatment, storage and disposal of immobilized low-activity waste from the Hanford tanks, low-level waste, mixed low-level waste and transuranic waste. The comment period began April 11, and will run until June 11. The full document and a 40-page summary are available on the Hanford Web site at www.hanford.gov/eis/eis-0286D2.

Golf tournament fund-raiser successful

The annual golf tournament to benefit the Children's Developmental Center, held May 14 at Canyon Lakes in Kennewick, raised \$42,000. The funds will be used at the Children's Developmental Center, an early intervention program for infants and toddlers with developmental delays and disabilities. At the Developmental Center, services of physical, occupational, and speech therapies as well as special education are offered to children without cost to the family. The Fluor Corporation was one of the sponsors of the tournament.

PTB transfer approved for Thompson

Tim Thompson, a nuclear chemical operator at the Canister Storage Building, has been approved to receive personal time bank-transferred hours. Thompson needs to care for his wife, who is battling cancer. Fluor Project Hanford team employees who wish to transfer PTB hours to Thompson can do so by completing a PTB/Vacation Transfer Request form (Site Form A-6002-807) and sending it to Michael Dickinson, Fluor Hanford Workforce Services and Project Support, S2-43. Time must be transferred in one-hour increments. ♦

Features continued on next page.

Regular Features



CLASSES

Skills Lab offers “Painless Punctuation,” other classes

The Skills Enhancement Lab will offer three four-hour classes to help improve your writing skills. The following classes are all offered 7:30-11:30 a.m. in Room 31 of the Administration Building at the Volpentest HAMMER Training and Education Center:

- **Painless Punctuation** — Thursday, June 5. Learn to cure comma-itis; use colons and semi-colons properly; handle exhausted apostrophes; tackle the lowly hyphen; review fragments, comma splices, and run-ons; and review must-know key rules.
- **Goof-Proofing your Grammar** — Thursday, June 19. Learn to recognize and correct the most frequent grammatical goofs.
- **Successful Business and Technical Writing** — Thursday, June 26, or Thursday, July 17. This light-hearted workshop teaches the essentials of successful business and technical writing through relevant exercises. Suggested prerequisites are “Painless Punctuation” and “Goof-Proofing Your Grammar.”

There is no charge for any of these popular sessions, but classes fill quickly, so reserve a seat now by calling Kathy Dechter at 376-3250.

NMA offers FaciliSkills™ workshops June 5, 13, 19

The Hanford Chapter of the National Management Association will host FaciliSkills™ training on June 5, 13 and 19, 7:30 a.m.-4:30 p.m. The three-day training consists of the following four workshops: “Making the Smart Connection” focuses on relationships, “The Art and Science of Self-Mastery” discusses communication, “Transformational Leadership” teaches team-building and “Logistics and Process Dynamics” covers problem-solving and decision-making skills. The workshops will be held at the Washington State University Consolidated Information Center, room 201/212. The cost is \$350. For more information or to register, visit <http://www.nma1.org/faciliskills/index.htm>, or call 1-866-294-4587. The registration deadline is May 31. The workshop is open to the public.

Building Leadership Skills Seminar set for June 6

The Building Leadership Skills Seminar Series is sponsoring Joe Estey, founder of Prolepsis Training, who will present “Living in the Present, as if the Future has Already Occurred!” The seminar will be held Friday, June 6, at the Tri-Cities Coliseum Founders’ Club. Registration and breakfast begin at 7:30 a.m., the seminar is from 8 a.m. to noon, and lunch and networking are from noon until 1 p.m. The cost is \$40 for members of National Management Association, American Society for Quality, Association for Quality and Participation, Leadership Tri-Cities, WSU Business Advisory Council and the Tri-City Herald. The cost is \$50 for other attendees. Make your reservation by calling 736-1929 by June 3.

Effective Presentations offered on June 23

“Effective Presentations” is an eight-hour course that is ideal for anyone wanting to improve their communication skills including trainers, managers, team leaders and committee members. This course will be presented on June 23 by Joe Estey at the Hanford Training Center. The cost is \$180 per person. To register, contact Joan Howard at 946-2102 or at jhoward@energxfanford.com or Lynn Collins at 946-9654 or at lcollins@energxfanford.com.

Personal Protection Safety Measures, July 29-30, 2003

The Northwest Public Power Association is presenting “Personal Protection Safety Measures,” a two-day class at the Volpentest HAMMER Training and Education Center July 29-30. This course will cover the physiology of electrical shock and treatment; the Occupational Safety and Health Administration’s mandated electrical requirements; the role and use of NFPA 70E; and over 600-volt applications. Register before June 27 and pay \$1,095. The cost is \$1,145 for registrations received after June 27. To register, contact Wendy Carlson at (360) 254-0109 or visit www.nwppa.org. ♦

Features continued on next page.

Regular Features



CALENDAR

American Ceramic Society meets May 29

The Eastern Washington Chapter of the American Ceramic Society will hold its Spring 2003 meeting on May 29 from 11:30 a.m.-12:30 p.m. in the Columbia Room of ETB on the Pacific Northwest National Laboratory campus. PNNL's Vince Sprengle will present "Overview of Solid Oxide Fuel Cell Technology." The meeting is open to the public, and light refreshments will be served.

May 30 golf tournament to benefit MDA

Hanford Fire Department and the Muscular Dystrophy Association are holding their sixth annual golf tournament on May 30 at Canyon Lakes Golf Course in Kennewick. Proceeds from this event will help send local children with muscle disease to summer camp, provide research to find treatments and a cure, and assist in purchasing wheelchairs and leg braces. The shotgun start is at 1 p.m. The entry fee is \$240 per foursome and includes greens fees and cart, free range balls, prizes and steak and salmon dinner after play. For more information, call Mark Cope at 373-1475.

Audubon Society shows 'Winged Migration' June 6, 7

The Lower Columbia Audubon Society and Sony Picture Classics present the Academy Award nominee for best documentary, "Winged Migration," at 7 p.m. on June 6 and 7 at the Battelle Auditorium. A matinee showing will take place at 3 p.m. on June 7. Tickets for evening showings are \$5 each, with children 6 and under free. The matinee showing will have tickets available at \$10 for a family or \$5 for individuals. Tickets may be purchased at the Bookworm in Kennewick and Richland or at the door.

Scholarships awarded at ASQ & AQP June meeting

The June 10 dinner meeting of the local American Society for Quality and the Association for Quality and Participation organizations will focus on this year's scholarship recipients. Awards will be presented to two Richland High School seniors — \$1,000 to Catherine Sampson, and \$750 to Sahar Zuberi, daughter of Shakir Zuberi, who works for CH2M HILL Hanford Group. The special guest speaker will be

Sandra Hill, superintendent of the Pasco School District, who will talk briefly about "Quality in the Pasco School District." The meeting will be held at the Shilo Inn, Richland, with check-in and networking starting at 5:30 p.m., the buffet dinner starting at 6, and the presentation starting at 7. The cost is \$16 for AQP and ASQ members, \$18 for non-members, or \$5 for the awards/presentations only. Make your reservations by June 5 by calling 372-1442, sending an e-mail message to lynn_l_gates@rl.gov or registering via the AQP chapter's Web site at <http://www.3-cities.com/~gates/AQPQuest.htm>.

Donate blood at one of two locations in June

Hanford workers have two opportunities to donate blood in June. On June 11, the American Red Cross bloodmobile will be in the PFP parking lot from 9:30 a.m. to 2:15 p.m. To schedule an appointment to give blood, contact Patrick Jenkins by e-mail or call 373-6221. On June 12, the blood drawing will be from 10 a.m. to 3 p.m. at the Federal Building. Registration will take place in the lobby, with the drawing in the bloodmobile in the parking lot north of the building. To schedule an appointment, call the American Red Cross at (800) 787-9691. Walk-ins are always welcome.

Conference on plutonium in Albuquerque July 6-10

The Science 2003 Conference — The Plutonium Futures — will be held July 6-10 in Albuquerque, N.M. The third in a series, this conference will provide an international forum for presenting and discussing current research on physical and chemical properties and environmental interactions of plutonium and other actinide elements. Register before June 5 and save \$100. For more information and to register, visit <http://www.lanl.gov/pu2003>. ♦

Features continued on next page.

Regular Features



Employees eligible for discount concert tickets

All Hanford employees will receive a 15 percent discount on admission to the Pearl Django concert on June 8 at 6 p.m. at the Hedges Cellars Red Mountain winery, Benton City. Admission for general public is \$30, but Hanford employees pay only \$25.50 per person, which will include a 375-ml bottle of Hedges Estate bottled Three Vineyards red wine. You must be at least 21 years old to attend. The tasting room opens at 11 a.m. Concert-goers should arrive by 5 p.m. To charge tickets via credit card, call Chris Hedges at 509-430-8395 or stop by the winery. Bring your own blankets, chairs, wine glasses and food (wine glasses will be available for \$5.) The local Spotted Owl Jazz Band will open the show. The winery is located on the west side of Red Mountain at 53511 North Sunset Road in Benton City. The Web address is www.hedgescellars.com.

Fluor offers deal on season hockey tickets

Fluor Hanford and the Tri-City Americans Hockey Club have partnered to provide you with an exceptional opportunity for the 2003-2004 Western Hockey League season, which runs from September to March and includes 36 home games.

If Fluor Hanford employees purchase 275 season tickets by June 16, Fluor Hanford will contribute \$50 per ticket to offset the Early Bird price. The Americans have extended their Early Bird prices to Fluor Hanford employees for this promotion. Early Bird prices for hockey tickets are \$340 for adults, \$299 for seniors (over 62 years) and \$199 for youth (up to 18 years of age, with current student identification). If the 275 season tickets are sold by June 16, the Fluor fan price would be \$290 for adults, \$249 for seniors and \$149 for students. The offer is limited to the first 300 tickets purchased. Employees are limited to six tickets per family. This offer includes current season-ticket holders as well.

To be a part of this promotion, please e-mail ^Community Programs or call Lynn Tegeler at 376-4625 before June 16. Provide your name, number of tickets in each category, e-mail address and work phone number. Each order will also qualify you for a chance to win an official Tri-City Americans game jersey.

On Thursday, June 12, from 3:30 p.m. to 5:30 p.m., Tri-City Americans owners, staff members and mascot,

"Winger," will visit the lobby of 2420 Stevens Centers. At this time, you will be able to pay for your tickets, select your seats, ask any questions you may have, enjoy refreshments, and see who wins the Tri-City Americans jersey.

For more information and details on this opportunity, please e-mail ^Community Programs or call Lynn Tegeler at 376-4625. ♦

B R A V O



Bartelt named JANTEC employee of the year

Linda Bartelt was recently named the JANTEC Corporate Employee of the Year for her teamwork on the job and her community service.

JANTEC is the contractor providing mail service on the Hanford Site. Bartelt and her co-workers provide mail-handling and distribution support to more than 12,000 customers on the Hanford Site. Each month the JANTEC team handles approximately 1 million pieces of mail.

Bartelt was part of the team that handled the mail scare in October 2001, where white powder was discovered on a package during routine operations. The resultant work stoppage and subsequent investigation identified the powder as benign, but the exercise led to a greater awareness of the potential of such actions and the need to be vigilant.

Bartelt was cited for her dependability, exemplary execution of assigned tasks and teamwork. She also initiated the "Adopt a Family" program in which JANTEC employees raise funds and collect gifts to make Thanksgiving and Christmas a little brighter for needy families.

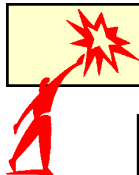
John Epps, project manager of the Richland JANTEC office, said, "Linda provides the kind of support you can always depend on. She is an exceptional employee and we are very proud to have her as part of our Richland team."

Kalia elected Toastmasters' District 9 governor

Jack Kalia, an engineer with CH2M HILL Hanford Group, Inc., was elected recently as district governor of Toastmasters District 9 for the year 2003-2004 at the Toastmasters Convention held in Yakima, Wash. District 9 includes eastern Washington and the bordering areas of Oregon and Idaho and has more than 800 active Toastmasters. Toastmasters International, a communication and leadership skills development organization, has 200,000 active members worldwide in more than 70 countries. ♦

Features continued on next page.

Regular Features



H.anford **E**.mployee **R**.ecreation **O**.rganization

GENERAL INFO & ACTIVITIES

POSITIONS ON THE HERO BOARD — The HERO Board positions of 300 Area representative, secretary and vice president-social are vacant. If you would like to apply, and have your manager's consent, send an e-mail message to Phyllis Roha.

MAIL YOUR TICKET REQUESTS TO THE APPROPRIATE LISTED TICKET SELLER — It saves the ticket sellers' time and your tickets will be sent to you the same day. Do not combine the charge for tickets to two different events on the same check. If you do, it will be returned.

HRA DISCOUNTS — Log on to <http://apweb02.rl.gov/hrd/> to see the discounts list.

HERO POLICY FOR NSF CHECKS — Associated non-sufficient fund bank fees will be passed on to check issuers. HERO will not absorb the cost.

DISCOUNTED MOVIE TICKETS — Limit now 10 per purchase. Carmike tickets are \$5 each with restrictions applying only to Sony DDS movies. Regal tickets are \$5.50 each and applicable restrictions are identified in the *Tri-City Herald* with a star. Yakima Mercy tickets are \$5 each with no restrictions. Regal and Carmike tickets are valid in Seattle and Spokane as well as the Tri-Cities. For Regal or Carmike tickets, send checks (no cash) made payable to HERO to Linda Meigs (H3-12), Linda Sheehan (T4-40), Nancy Zeuge (X3-74), Michelle Brown-Palmore (A7-51), Ginny Wallace (S7-03), Marta Caballero (S5-14) or Patti Boothe (T6-04). Sunnyside Movie Theater is now offering tickets for two admissions for one show, for \$10.50 with no show restrictions. These tickets are also good for Ellensburg and Walla Walla. For Yakima Mercy or Sunnyside tickets, send checks (no cash) to Nancy Zeuge (X3-74), Jim Hopfinger (S7-39) or Tricia Poland (T5-04).

SILVERWOOD TICKETS ARE AVAILABLE — The amusement park is now open through Sept. 28. The new Boulder Beach Water Park will open July 1. Discount ticket prices through HERO are \$22.50 for general admission (ages 8-64) and \$11 for children age 3 to 7 years and seniors 65 years and older. Ticket sellers are Linda Meigs (H3-12), Cheri McGee (N2-53), Nancy Zeuge (X3-74), Tricia Poland (T5-04), Marta Caballero (S5-14) and Ginny Wallace (S7-03). Please send your checks (made out to HERO) to any of these ticket sellers and your tickets will be sent back to you in the plant mail.

MT. ADAMS GOLF OUTING — Get your foursomes together for the second annual HERO golf outing at Mt. Adams. Join us for a fun-filled day of golfing in Toppenish at the country club on Sept. 26 (Friday off), with a shotgun start at 9 a.m. There is no need for handicap. The cost is \$55, which includes a barbequed burger lunch, greens fees, one-half cart, goodie bag and prize fund. To sign up, make your check out to HERO and send it along with your group's names to Jim Hopfinger at S7-39.

SIX FLAGS WILD WAVES/ENCHANTED VILLAGE TICKETS AVAILABLE — The parks offer 70 acres of non-stop fun for everyone. After a short drive to Federal Way (near Tacoma), enjoy more than 40 exhilarating rides and attractions in Enchanted Village, and then cool down in one of Wild Wave's 14 thrilling waterslides. Ride the surf in the gigantic 24,000-square-foot wave pool! With two parks for the price of one, it's simply the most fun you'll have all year! Discounted tickets are available through HERO for \$21 per person (ages 2 and under are free). To purchase your tickets, send checks (made payable to "HERO") to Linda Meigs at H3-12.

UPCOMING TRIPS

• **Hood River Murder Mystery Dinner Train** — August 16. Reserve your table for a sumptuous dinner and a murderously funny evening filled with entertainers. Dinner includes appetizer, salad, main course and dessert. The price of \$135 per person includes round-trip bus from Tri-Cities plus the dinner train. A \$25 per-person deposit by June 1 will secure your space. Final payment is due July 1. For more information, send an e-mail message to Linda Meigs or call Marla of Carlson Wagonlit Travel at 783-4645.

• **Vacation of a lifetime, the French Riviera** — Oct. 6-15. The price is \$2,284 pp for twin, \$2,254 pp for triple and \$2,584 for single, which includes round-trip air fare from Pasco, \$120 cancellation insurance and \$85 in taxes and fees. Payment in full is due at signup. For those who have made a deposit, final payment is due July 23. Tour the French Riviera, Italian Riviera, Monaco, St. Tropez, Cannes, Grasse and Nice. We only have to unpack once as we will be staying in Nice and taking day trips to all the other exciting places. There will be free time also to do your own exploring. Included are seven breakfasts and five dinners. E-mail Nancie Simon at bearclanwa@aol.com or call 627-0657 for more information.

H.E.R.O. continued on next page.

Regular Features



Employee Activities

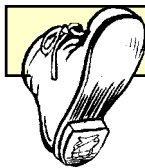
H.E.R.O.

• **Disney World/Disney Cruise** — Oct. 19-26. The price ranges from \$1,302 to \$1,852 ppdo, depending on the type of room you want. The price includes four days in Walt Disney World with entrance into all the parks, a three-day cruise to the Bahamas and Castaway Cay (Disney's private island), taxes and transfers. Don't wait to send in a \$250 per person deposit to hold your spot. Contact Tricia Poland for more information.

• **Reflections of Italy** — Departure date is Nov. 3. \$2,782 ppdo includes airfare, lodging and 13 meals during this 10-day journey to Italy, beginning in Rome, "the Eternal City." A deposit of \$430 per person will reserve your spot, with final payment due Sept. 4. Contact Linda Meigs for details.

• **Switzerland** — Nov. 3-11. The price is \$1,879 pp including round-trip airfare from Pasco. Price includes 11 meals, tours, transfers and taxes. A \$250 deposit is due as soon as possible with the balance due Sept. 4. The medieval city of Bern is our host city. Highlights of the tour include the Swiss Parliament, the famous Bear Pit, the Rose Gardens, Lake Geneva and the medieval Castle of Chillon. Enjoy breathtaking Alpine views with a ride on the Panoramic Express Train to Gstaad. Then on to Interlaken, Grindewald, Zurich, Burgdorf Castle, Lucerne and an optional tour to Germany and the mystical Black Forest. Visit <http://apweb02.rl.gov/hero/activities.cfm> or contact Phyllis Roha at 376-6413 or by e-mail for more information.

• **San Antonio Christmas** — Dec. 8-12. The price is \$1,289 pp for twin, \$1,269 pp for triple and \$1,659 for singles. Includes round-trip airfare from Seattle, transfers, cancellation waiver, travel insurance and six meals. Highlights of the trip will be Paseo Del Rio, the Alamo, a Mexican marketplace, the LBJ Ranch, Cavern Carolers and Fiesta De Las Luminarias. A deposit of \$160 is due by Aug. 22. Contact Cheri McGee for details. ♦



SHOEMOBILE

300 Area

along fence east of Wisconsin Street

June 9	2-5 p.m.	BC Sales
June 23	noon-4 p.m.	Sound Safety

100K Area

parking lot south of MO-401

June 10	7-10 a.m.	BC Sales
---------	-----------	----------

200 East Area

northeast gravel parking lot of 2101-M

June 10	11 a.m.-1 p.m.	BC Sales
June 24	7 a.m.-noon	Sound Safety

200 West Area

parking lot east of MO-281

June 10	2-5 p.m.	BC Sales
June 24	1-4 p.m.	Sound Safety